

CLAIMS:

1. Magneto-optical device comprising a magneto-optical read and/or write head with a coil (5), and a means for generating a laser beam (1), wherein the laser beam is directed through an aperture (12) in the coil (5) during operation, characterized in that the optical disk recorder comprises means (DMNS) for measuring the resistance (R_L) of the coil (5) and means (73) for changing the alignment of the coil and laser beam and/or the focusing of the laser beam in dependence on the resistance of the coil.
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2. Magneto-optical device as claimed in claim 1, characterized in that the optical disk recorder comprises means for changing the position of the laser and coil in two mutually transverse directions.
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3. Method of manufacturing a magneto-optical device comprising a magneto-optical read and/or write head with a coil (5), and a means for generating a laser beam (1), wherein the laser beam is directed through an aperture (12) in the coil (5) during operation, in which manufacturing step the laser beam and the coil are aligned, characterized in that the resistance (R_L) of the coil (5) is measured while the laser beam is being passed through the aperture of the coil, and the alignment of the coil and laser beam and/or the focusing of the laser beam is checked or changed in dependence on the measured resistance of the coil, and/or the resistance of the coil is measured as the alignment of the coil and laser beam is being changed.
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4. Method of checking or tuning a magneto-optical device comprising a magneto-optical read and/or write head with a coil (5), and a means for generating a laser beam (1), wherein the laser beam is directed through an aperture (12) in the coil (5) during operation, characterized in that the resistance (R_L) of the coil (5) is measured while the laser beam is being passed through the aperture of the coil, and the alignment of the coil and laser beam and/or the focusing of the laser beam is checked or changed in dependence on the measured resistance of the coil, and/or the resistance of the coil is measured as the alignment of the coil and laser beam is being changed.
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5. Method as claimed in any of the claims 3 or 4, characterized in that the relative position of coil and laser beam is changed in two mutually transverse directions.

5 6. Method as claimed in any of the claims 3 to 5, characterized in that the current intensity during alignment, checking, or tuning is equal to or preferably lower than an operating current of the device.